

Lexar NM790

Artikel
Herstellernummer
EAN
Lexar

241214
LNM790X512G-RNNG
0843367130276



With a blazing 7400MB/s sequential read, 6500MB/s sequential write¹ and random read speeds of up to 1,000,000 IOPs, the Lexar® NM790 SSD has the performance to put you across the finish line first or easily meet your most demanding deadlines.

At 2x as fast as PCIe Gen3 SSDs², the Lexar® NM790 M.2 2280 PCIe Gen 4x4 NVMe SSD helps you perform at your best, fast.

Consuming up to 40% less power consumption than DRAM cache-enabled PCIe Gen 4 SSDs², Lexar® NM790 M.2 2280 PCIe Gen 4x4 NVMe SSD not only keeps energy costs down, but also lets you go longer between charges of your laptop battery.

Host Memory Buffer (HMB) 3.0 enables the drive to utilize DRAM memory on your device, and Dynamic SLC cache writes to single-level-cell memory to maintain speed for smooth and seamless performance.

Designed for hardcore gamers, professionals, and creators, the Lexar® NM790 SSD has the performance you need to accelerate your game and keep up with your creative endeavors.

Designed to be the perfect partner, the Lexar® NM790 SSD is compatible with laptops, desktop computers, and the PS5™.

All Lexar products undergo extensive testing in the Lexar Quality Labs, facilities with thousands of different cameras and digital devices to ensure performance, quality, compatibility, and reliability.

Zusammenfassung

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Lexar NM790, 512 GB, M.2, 7200 MB/s

Lexar NM790. SSD capacity: 512 GB, SSD form factor: M.2, Read speed: 7200 MB/s, Write speed: 4400 MB/s, Component for: PC/Laptop

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Technical details

| | |
|-----------------|-----------|
| Warranty period | 5 year(s) |
|-----------------|-----------|

Weight & dimensions

| | |
|--------|---------|
| Width | 22 mm |
| Depth | 80 mm |
| Height | 2.45 mm |
| Weight | 6 g |

Operational conditions

| | |
|-------------------------------|-------------|
| Operating temperature (T-T) | 0 - 70 °C |
| Storage temperature (T-T) | -40 - 85 °C |
| Maximum operating temperature | 70 °C |
| Operating shock | 1500 G |
| Vibration resistance | 20 G |

Features

| | |
|-----------------------------------|----------------------------------|
| NVMe version | 1.4 |
| SSD form factor | M.2 |
| SSD capacity | 512 GB |
| Interface | PCI Express 4.0 |
| Memory type | SLC |
| NVMe | Yes |
| Component for | PC/Laptop |
| Read speed | 7200 MB/s |
| Write speed | 4400 MB/s |
| Lithography | 12 nm |
| PCI Express interface data lanes | x4 |
| Mean time between failures (MTBF) | 1500000 h |
| Protection features | Shock resistant, Vibration proof |

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.